

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX050918\
 Data File : VX001577.D
 Acq On : 10 May 2018 01:34
 Operator : JC/MD
 Sample : VX0509MBS02
 Misc : 5.0µ/10mL/100µl/5mL/MSVOA_X/MEOH
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0509MBS02

Manual Integrations
 APPROVED

MMDadoda
 5/10/2018 1:52:01 PM

Quant Time: May 10 05:16:40 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M
 Quant Title : SW846 8260
 QLast Update : Sun May 06 07:59:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	214914	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	288019	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	274432	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	188632	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	150673	48.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.56%	
35) Dibromofluoromethane	5.51	113	121660	47.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.98%	
50) Toluene-d8	8.72	98	430214	46.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.02%	
62) 4-Bromofluorobenzene	11.14	95	158363	44.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.22%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.20	85	63022	21.78	ug/l	100
3) Chloromethane	1.32	50	57761	20.50	ug/l	99
4) Vinyl Chloride	1.40	62	62730	21.33	ug/l	99
5) Bromomethane	1.64	94	34405	23.75	ug/l	100
6) Chloroethane	1.72	64	42895	22.07	ug/l	99
7) Trichlorofluoromethane	1.93	101	99089	22.39	ug/l	99
8) Diethyl Ether	2.19	74	40231	23.19	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	56137	21.64	ug/l	99
10) Methyl Iodide	2.51	142	63604	16.99	ug/l	99
11) Tert butyl alcohol	3.08	59	78163	120.01	ug/l	99
12) 1,1-Dichloroethene	2.37	96	52123	21.92	ug/l	98
13) Acrolein	2.30	56	12066	86.34	ug/l	94
14) Allyl chloride	2.73	41	96242	21.70	ug/l	99
15) Acrylonitrile	3.15	53	171396	116.46	ug/l	100
16) Acetone	2.45	43	154673	110.27	ug/l	99
17) Carbon Disulfide	2.57	76	120695	19.94	ug/l	98
18) Methyl Acetate	2.78	43	94362	25.61	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	191337	23.11	ug/l	100
20) Methylene Chloride	2.86	84	63672	22.93	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	55685	20.98	ug/l	95
22) Diisopropyl ether	3.88	45	186024	22.45	ug/l	99
23) Vinyl Acetate	3.83	43	747323	108.24	ug/l	100
24) 1,1-Dichloroethane	3.70	63	100119	21.63	ug/l	99
25) 2-Butanone	4.71	43	228495	112.70	ug/l	99
26) 2,2-Dichloropropane	4.59	77	57391	16.06	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	61584	21.79	ug/l	98
28) Bromochloromethane	5.02	49	49102	24.47	ug/l	96
29) Tetrahydrofuran	5.18	42	144353	111.27	ug/l	100
30) Chloroform	5.22	83	109343	22.94	ug/l	99
31) Cyclohexane	5.57	56	83545	21.02	ug/l	95
32) 1,1,1-Trichloroethane	5.50	97	94899	22.78	ug/l	99
36) 1,1-Dichloropropene	5.81	75	74068	20.22	ug/l	98
37) Ethyl Acetate	4.87	43	87612	21.82	ug/l	99
38) Carbon Tetrachloride	5.79	117	84923	21.73	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	83715	19.33	ug/l	98
40) Benzene	6.15	78	232486	21.73	ug/l	97
41) Methacrylonitrile	5.07	41	49487	21.54	ug/l	99
42) 1,2-Dichloroethane	6.21	62	93525	22.74	ug/l	99
43) Isopropyl Acetate	6.48	43	133541	21.66	ug/l	100
44) Trichloroethene	7.22	130	70923	21.68	ug/l	98
45) 1,2-Dichloropropane	7.52	63	59247	22.21	ug/l	100
46) Dibromomethane	7.67	93	41665	22.06	ug/l	99
47) Bromodichloromethane	7.91	83	76624	21.92	ug/l	98
48) Methyl methacrylate	7.79	41	71218	21.21	ug/l	100
49) 1,4-Dioxane	7.76	88	31649	436.37	ug/l	96
51) 4-Methyl-2-Pentanone	8.66	43	462784	112.96	ug/l	99
52) Toluene	8.79	92	152130	21.74	ug/l	98
53) t-1,3-Dichloropropene	8.44	75	82221	20.81	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	74208	19.61	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	62690	22.24	ug/l	97
56) Ethyl methacrylate	9.19	69	86007	21.17	ug/l	100
57) 1,3-Dichloropropane	9.38	76	101806	21.84	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	221377	111.07	ug/l	100
59) 2-Hexanone	9.51	43	344006	109.65	ug/l	99
60) Dibromochloromethane	9.59	129	62796	21.75	ug/l	99
61) 1,2-Dibromoethane	9.68	107	65249	22.04	ug/l	100
64) Tetrachloroethene	9.34	164	85296	22.30	ug/l	99
65) Chlorobenzene	10.15	112	170313	21.16	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	63539	22.07	ug/l	100
67) Ethyl Benzene	10.26	91	277078	21.00	ug/l	98
68) m/p-Xylenes	10.37	106	222185	42.63	ug/l	99
69) o-Xylene	10.71	106	108375	21.39	ug/l	100
70) Styrene	10.72	104	176114	21.40	ug/l	99
71) Bromoform	10.87	173	49259	20.09	ug/l	100
73) Isopropylbenzene	11.02	105	289028	22.13	ug/l	100
74) N-amyl acetate	6.48	43	133541	22.51	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	86350	22.39	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	85144m	22.26	ug/l	
77) Bromobenzene	11.26	156	82513	21.73	ug/l	99
78) n-propylbenzene	11.37	91	314643	22.13	ug/l	99
79) 2-Chlorotoluene	11.43	91	194550	22.23	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	239311	22.01	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	18907	18.69	ug/l	92
82) 4-Chlorotoluene	11.52	91	221934	21.98	ug/l	98
83) tert-Butylbenzene	11.77	119	237778	21.98	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	248785	22.26	ug/l	100
85) sec-Butylbenzene	11.95	105	287372	22.13	ug/l	99
86) p-Isopropyltoluene	12.07	119	259740	21.81	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	146066	21.52	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	146705	21.19	ug/l	98
89) n-Butylbenzene	12.40	91	199862	20.25	ug/l	99
90) Hexachloroethane	12.60	117	37781	21.06	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	152722	22.12	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	19522	23.04	ug/l	95

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	103952	20.57	ug/l	100
94) Hexachlorobutadiene	13.79	225	57135	20.67	ug/l	98
95) Naphthalene	13.84	128	310855	22.25	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	112895	21.78	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

